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09/855,340 Sheet 1 of 1

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FORM PTO-14	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: IN01164 K US	SERIAL NO.: 09/855,340
INFORMATION DISCLOSURE STATEMENT FOR PATENT (Use several sheets if necessary)		APPLICANT: Hosted, et al.	
		FILING DATE: May 15, 2001	GROUP: 1045 1636

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>AA</i>	AA	5,688,689	Nov. 18, 1997	Smokvina, et al.	435	320.1	June 7, 1995
<i>AB</i>	AB	5,741,675	April 21, 1998	Friedmann, et al.	435	69.1	Dec. 5, 1994 (PCT)

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>AC</i>	AC	0403173	Dec. 19, 1990	EP	C12N	15/76		X
	AD							
	AE							
	AF							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>AG</i>	AG	Baltz, et al., (1996) Trends in Biotechnology 14 (7): 245-250.
	AH	Simoneau, et al., (1993) EMBL Database entry. Database accession number L15239 XP002192421.
	AI	Simoneau, et al., (1993) Nucleic Acids Res. 21(21): 4967-4974.
<i>AJ</i>	AJ	International Search Report for International Patent Application No. PCT/US01/15760.
	AK	<i>Not for Publication</i>
	AL	
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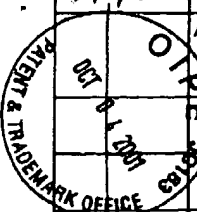
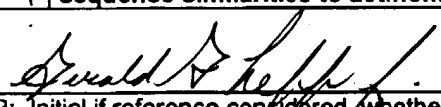
Sheet 1 of 2

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: IN01164K		SERIAL NO.: 09/855,340	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT: Hosted, Jr., et al.			
				FILING DATE: May 15, 2001		GROUP: 1045 1636	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AA	1	Alegre et al., Cloning of Frankia species putative tRNA(Pro) genes and their efficacy for pSAM2 site-specific integration in Streptomyces lividans, Appl Environ Microbiol, Vol. 60, No.12, pp. 4279-4283 (12/1994)					
AB	1	Bar-Nir et al., tDNA(ser) sequences are involved in the excision of Streptomyces griseus plasmid pSG1, Gene., Vol. 122, pp. 71-76, (12/1992)					
AC	1	Boccard et al., The integrated conjugative plasmid pSAM2 of Streptomyces ambofaciens is related to temperate bacteriophages, EMBO Journal, Vol. 8, No. 3, pp. 973-980 (1989)					
AD	1	Boccard et al., Structural analysis of loci involved in pSAM2 site-specific integration in Streptomyces, Plasmid, Vol. 21, pp. 59-70 (1989)					
AE	1	Brasch et al., Excisive recombination of the SLP1 element in Streptomyces lividans is mediated by Int and enhanced by Xis, Journal of Bacteriology, Vol. 175, No. 10, pp. 3075-3082 (05/1993)					
AF	1	Brasch et al., Localization and nucleotide sequences of genes mediating site-specific recombination of the SLP1 element in Streptomyces lividans, Journal of Bacteriology, Vol. 175, No. 10, pp. 3067-3074 (05/1993)					
AG	1	Brown et al., Characterization of the genetic elements required for site-specific integration of plasmid pSE211 in Saccharopolyspora erythraea, Journal of Bacteriology, Vol. 172, No. 4, pp. 1877-1888 (04/1990)					
AH	1	Brown et al., Characterization of the genes and attachment sites for site-specific integration of plasmid pSE101 in Saccharopolyspora erythraea and Streptomyces lividans, Molecular Gen Genet., Vol. 242, pp. 185-193 (1994)					
AI	1	Brown et al., Site-specific integration in Saccharopolyspora erythraea and multisite integration in Streptomyces lividans of actinomycete plasmid pSE101, Journal of Bacteriology, Vol. 170, No. 5, pp. 2287-2295 (05/1988)					
AJ	1	Cohen et al., The integrated and free states of Streptomyces griseus plasmid pSG1, Plasmid, Vol 13, pp. 41-50 (1985)					
AK	1	Gabriel et al., The actinophage RP3 DNA integrates site-specifically into the putative tRNA(Arg)(AGG) gene of Streptomyces rimosus, Nucleic Acids Res., Vol. 23, No. 1, pp. 58-63 (1995)					
AL	1	Hagege et al., Mode and origin of replication of pSAM2, a conjugative integrating element of Streptomyces ambofaciens, Molecular Microbiology, Vol. 10, No. 4, pp. 799-812 (1993)					
AM	1	Hagege et al., Transfer functions of the conjugative integrating element pSAM2 from Streptomyces ambofaciens: Characterization of a kil-kor system associated with transfer, Journal of Bacteriology, Vol. 175, No. 17, pp. 5529-5538 (09/1993)					
AN	1	Katz et al., Site-specific recombination in Escherichia coli between the att sites of plasmid pSE211 from Saccharopolyspora erythraea, Molecular Gen. Genet., Vol. 227, pp. 155-159 (1991)					
AO	1	Kuhstoss et al., Plasmid cloning vectors that integrate site-specifically in Streptomyces spp., Gene., Vol. 97, pp. 143-146 (1991)					
AP	1	Kuhstoss et al., Analysis of the integration function of the streptomycete bacteriophage phi C31, Journal of Molecular Biology, Vol. 222, pp. 897-908 (1991)					

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	AQ	Kuhstoss et al., Site-specific integration in Streptomyces ambofaciens: Localization of integration functions in S. ambofaciens plasmid pSAM2, Journal of Bacteriology, Vol. 171, No. 1, pp. 16-23 (01/1989)
	AR	Lal et al., Development of an Improved cloning vector and transformation system in Amycolatopsis mediterranei (Nocardia mediterranei), Journal of Antibiot.(Tokyo), Vol. 51, No. 2, pp. 161-169 (1998)
	AS	Madon et al., Site-specific integration and excision of pMEA100 in Nocardia mediterranei, Mol Gen Genet., Vol. 209, pp. 257-264 (1987)
	AT	Martin et al., Site-specific integration of the Streptomyces plasmid pSAM2 in Mycobacterium smegmatis, Molecular Microbiology, Vol. 5, No. 10, pp. 2499-2502 (1991)
	AU	Matshushima et al., A Gene Cloning System for 'Streptomyces toyocaensis', Microbiology, Vol. 142, pp. 261-267(1996)
	AV	Mazodier et al., The chromosomal integration site of the Streptomyces element pSAM2 overlaps a putative tRNA gene conserved among actinomycetes, Mol Gen Genet., Vol. 222, pp. 431-434 (1990)
	AW	Moretti et al., Isolation and characterization of an extrachromosomal element from Nocardia mediterranei, Plasmid, Vol. 14, pp. 126-133 (1985)
	AX	Pernodet et al., Plasmids in different strains of Streptomyces ambofaciens: free and integrated form of plasmid pSAM2, Mol. Gen. Genet., Vol. 198, pp. 35-41 (1984)
	AY	Raynal et al., Structure of the chromosomal insertion site for pSAM2: functional analysis in Escherichia coli, Molecular Microbiology, Vol. 28, No. 2, pp. 333-342 (1998)
	AZ	Seoane et al., Targets for pSAM2 integrase-mediated site specific integration in the Mycobacterium smegmatis chromosome, Microbiology, Vol. 143, pp. 3375-3380 (1997)
	BA	Sezonov et al., KorSA from the Streptomyces integrative element pSAM2 is a central transcriptional repressor: Target genes and binding sites, Journal of Bacteriology, Vol. 182, No. 5, pp. 1243-1250 (03/2000)
	BB	Sezonov et al., Characterization of pra, a gene for replication control in pSAM2, the integrating element of Streptomyces ambofaciens, Molecular Microbiology, Vol. 17, No. 3, pp. 533-544 (1995)
	BC	Simonet et al., Excision and Integration of a self-transmissible replicon of Streptomyces ambofaciens, Gene., Vol. 59, pp. 137-144 (1987)
	BD	Smokvina et al., Functional analysis of the Streptomyces ambofaciens element pSAM2, Plasmid, Vol. 25, pp. 40-52 (1991)
	BE	Smokvina et al., Construction of a series of pSAM2-based integrative vectors for use in actinomycetes, Gene., Vol. 94, No. 1, pp. 53-59 (1990)
	BF	Sosio et al., Excision of pIJ408 from the chromosome of Streptomyces glaucescens and its transfer into Streptomyces lividans, Mol Gen Genet., Vol. 218, pp. 169-176 (1989)
	BG	Thyagarajan et al., Site-specific genomic integration in mammalian cells mediated by phage phiC31 integrase, Molecular and Cellular Biology, Vol. 21, No. 12, pp. 3926-3934 (06/2001)
	BH	Vogtli et al., The chromosomal integration site for the Streptomyces plasmid SLP1 is a functional tRNA(Tyr) gene essential for cell viability, Molecular Microbiology, Vol. 6, No. 201, pp. 3041-3050 (1992)
BI	Zhu et al., Amplification on the Amycolatopsis (Nocardia) mediterranei plasmid pMEA100: sequence similarities to actinomycete att sites, Plasmid, Vol. 24, pp. 132-142 (1990)	
EXAMINER		DATE CONSIDERED
		8-18-2004
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		